

10/549584

VIA Express Mail EL629612915US

Docket Number

70404 Z2/ok

JC20 Rec'd PCT/PTO 14 SEP 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re. application of : Hideki UCHIDA	International Application No.:
Serial No.: Unknown	PCT/JP2004/001845
Filed: Concurrently herewith	International Filing Date:
For: DISPLAY SYSTEM	February 18, 2004

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

In accordance with 37 CFR §1.56, and in recognition of his duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant herewith submits copies of the references listed on the attached Form PTO-1449.

The relevance of Reference No. 1 is discussed on page 27 of the substitute specification filed concurrently herewith.

Reference No. 2 is the U.S. equivalent of Reference No. 15.

Reference Nos. 3-14 were cited in the attached International Search Report for PCT Application No. PCT/JP2004/001845.

The relevance of Reference No. 15 is discussed on pages 2 and 3 of the substitute specification filed concurrently herewith.

JC20 Rec'd PCT/PTO 14 SEP 2005

The relevance of Reference No. 17 is discussed on page 27 of the substitute specification filed concurrently herewith.

The relevance of Reference No. 18 is discussed on pages 28 and 29 of the substitute specification filed concurrently herewith.

Reference Nos. 16 and 19-23 are additional references that Applicant is submitting herewith.

Applicant does not submit copies of the U.S. references as it is no longer required.

The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Applicant respectfully requests that the cited references be made of record in the subject application.

Respectfully submitted,

Date: September 14, 2005

  
Attorneys for Applicant

Joseph R. Keating  
Registration No. 37,368

Christopher A. Bennett  
Registration No. 46,710

Peter Medley  
Registration No. 56,125

KEATING & BENNETT LLP  
8180 Greensboro Drive, Suite 850  
Tyson's Corner, VA 22102  
Telephone: (703) 637-1480  
Facsimile: (703) 637-1499

Substitute for form 1449/PTO

Complete if Known

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Application Number 10/549584  
 Filing Date  
 First Named Inventor Hideki UCHIDA  
 Art Unit  
 Examiner Name  
 Attorney Docket Number 70404.72/ok

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	5,635,729	06-1997	Griessen et al.	
	2	6,295,109	09-2001	Kubo et al.	
	3	6,259,853	07-2001	Chen et al.	
	4	6,317,531	11-2001	Chen et al.	

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number-Kind Code <sup>5</sup> (if known)				
	5	JP 62-071930 (with English abstract)	04-1987	JAPAN		X
	6	JP 2000-056294 (with English abstract and machine translation)	02-2000	JAPAN		X
	7	JP 2000-321564 (with English abstract and machine translation)	11-2000	JAPAN		X
	8	JP 2000-347184 (with English abstract and machine translation)	12-2000	JAPAN		X
	9	JP 2002-345149 (with English abstract and machine translation)	11-2002	JAPAN		X
	10	WO 98/08139	02-1998	WIPO		
	11	WO 98/10329	03-1998	WIPO		
	12	WO 00/63745	10-2000	WIPO		
	13	EP 1 085 365 A2	03-2001	EPO		
	14	EP 1 081 538 A2	03-2001	EPO		
	15	JP 11-316382 (with English abstract and machine translation)	11-1999	JAPAN		X
	16	JP 2002-090782 (with English abstract and machine translation)	03-2002	JAPAN		X

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Substitute for form 1449/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number 10/549584  
Filing Date  
First Named Inventor Hideki UCHIDA  
Art Unit  
Examiner Name  
Attorney Docket Number 70404.72/ok

## **NON PATENT LITERATURE DOCUMENTS**

Examiner initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title Of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	17	HUIBERTS et al., "Yttrium and Lanthanum Hydride Films with Switchable Optical Properties," Nature, March 21, 1996, pp. 231-234, Vol. 380.	
	18	YOSHIMURA et al., 31-a-ZS-14, "Optical Property of Mg <sub>2</sub> Ni Switchable Mirror Thin Films," Japan Society of Applied Physics, 2001 Spring Meeting, p. 993.	X
	19	VON ROTTKAY et al., "Effect of Hydrogen Insertion on the Optical Properties of PD-Coated Magnesium Lanthanides," Third International Meeting on Electrochromics in London, England, September 8, 1998, PP. 1-11.	
	20	OUWERKERK, "Thin Film Electrochromic Device with Metal Hydride as Active Material Using Calcium Fluoride Hydride as a Hydrogen Conductor."	
	21	KREMERS et al., "Optical Transmission Spectroscopy of Switchable Yttrium Hydride Films," Physical Review B, February 15, 1998, Vol. 57, No. 8, pp. 4943-4949.	
	22	VAN DER SLUIS et al., "Solid State Gd-Mg Electrochromic Devices with ZrO <sub>2</sub> H <sub>γ</sub> Electrolyte."	
	23	UCHIDA, "Dimming Device And Display Device Incorporating The Same," U.S. Patent Application filed on the same day as the present application, Attorney Docket No. 70404.73/ok.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\* Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.